



ProSci Incorporated
12170 Flint Place
Poway, CA 92064, USA
prosci-inc.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

customer@prosci-inc.com
techsupport@prosci-inc.com

SARS-CoV-2 (COVID-19) Spike S2 Single Domain Antibody [P1G5]

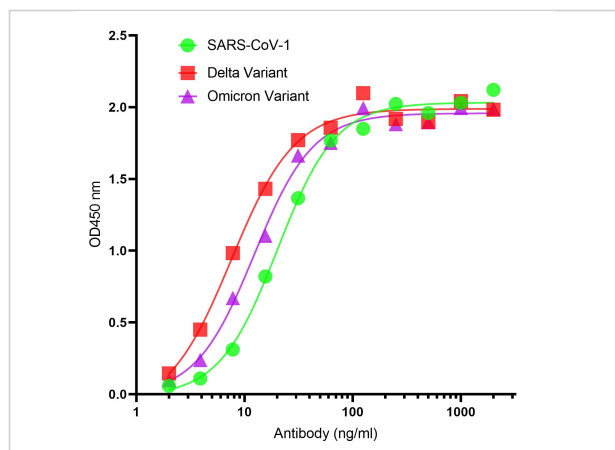
CATALOG NUMBER: SD9789

Specifications

Host Species	Llama
Species Reactivity	Virus
Immunogen	SARS-CoV-2 Spike S2 protein containing C-terminal His Tag. The protein was expressed in human 293 cells (HEK293). It contains amino acids Ser 686 - Pro 1213.
Conjugate	Unconjugated
Tested Applications	ELISA
User Note	Optimal dilutions for each application to be determined by the researcher.

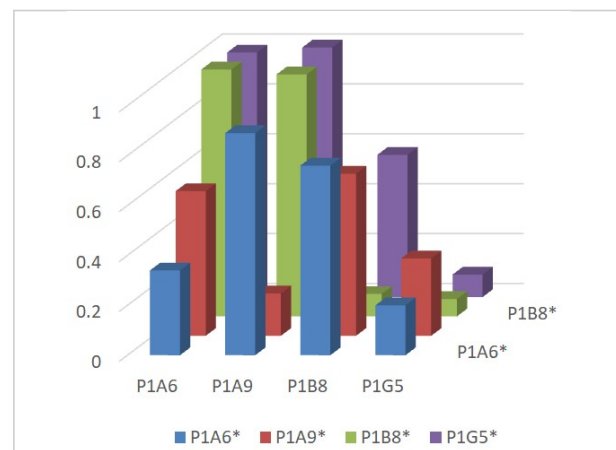
Properties

Purification	SARS-CoV-2 (COVID-19) Spike S2 Antibody is affinity chromatography purified via Nickel column. Antibody is supplied as a His-tagged purified protein. It also contains a myc-tag for detection.
Clonality	Recombinant Monoclonal
Isotype	sdAb
Physical State	Liquid
Buffer	SARS-CoV-2 (COVID-19) Spike S2 Antibody is supplied in PBS.
Concentration	batch dependent
Storage Conditions	SARS-CoV-2 (COVID-19) Spike S2 Antibody should be stored in working aliquots at -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



SARS-CoV-2 (COVID-19) Spike S2 Antibody [PIG5] 1

Figure 1 ELISA Validation with Spike Trimer Proteins of SARS-CoV-2 Variants and SARS-CoV-1
Antibodies: SARS-CoV-2 (COVID-19) Spike S2 Antibody, SD9789. A direct ELISA was performed.



SARS-CoV-2 (COVID-19) Spike S2 Antibody [PIG5] 2

Figure 2 Epitope Mapping of four Spike S2 Antibodies by Direct Competitive ELISA
A direct competitive ELISA was developed for the epitope mapping using Spike trimer proteins.

Disclaimer

Disclaimer

Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.

For research use only. For additional information, visit ProSci's [Terms and Conditions Page](#).